



Tradewind VA



Flight Briefing Package

TCC305A LEBL-KLAS

12-May-2019 #3

RELEASE #3

EL PRAT
(SPAIN)

-

MC CARRAN INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

12 MAY 1510 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		74.586	10:52
CONT 5%		3.729	00:38
HOLD	KLAS	1.982	00:20
ALTN	KVCV	3.314	00:30
FINAL RESV		2.963	00:30
ADD FUEL		1.191	00:12
MIN T/O		87.765	13:02
EXTRA		1.487	00:15
TAXI		936	00:18
RELEASE	LEBL	90.188	13:35
ARR FUEL	KLAS	14.042	02:13

Load Planning (kg)	PJTGC	Plan	Limit
Empty Weight		156.146	
Payload	266+0 Pax	25.004	
Zero Fuel Weight		181.150	209.106
Fuel		90.188	162.613
Ramp Weight		271.338	348.359
Take-Off Weight LEBL	Limit	270.402	279.417
Landing Weight KLAS		195.816	223.167
Underload		9.015	Lim TOW

Cost Planning		
Flight Time	10:52\$	61.001
Fuel	76.146\$	60.297
Total	\$	121.298
Per Pax	\$	456
Per 5.000 kg Payload	\$	24.256

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC305A PJTGC LEBL-KLAS

ALL WEIGHTS IN KILOGRAMS (KG) STD 12MAY/1825Z

OPF 3 - PREPARED 12MAY/1510Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR305A/TCC305A PJTGC/B777-2LR GE SEL/SALH ROUTE: LEBLKLAS01

DEP: LEBL/BCN 25L ELEV 14 FT COST INDEX: 250 TTL G/C DIST: 5028 NM
ARR: KLAS/LAS 26L ELEV 2181 FT INIT ALT: FL330 TTL F/P DIST: 5193 NM
FUEL BIAS: 100.5% TTL AIR DIST: 5227 NM
AVG WIND CMP: HD003 KT

ALT: KVCV/VCV 17 ELEV 2885 FT 160 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	266	0	25004	9015 TOW	MAX 209106	279417	223167
						PLN 181150	270402	195816
						ACT .....	.....	.....

** TAKE-OFF DATA LEBL 25L **

COND: 270402 KG // RWY DRY // +18°C Q1021 160/10 // LMT: STRUCT
CONFIG: FLAPS 5 // D-T01 +36C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=155 VR=159 V2=165
ENG OUT: LT TO 'RUBOT' [37.5 DME R 210 'SLL' 112.0] (030 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	74586	.....	10:52	
CONT 5%	3729	.....	00:38	
ALTN KVCV	3314	.....	00:30	
FINAL RESV	2963	.....	00:30	
HOLD	1982	.....	00:20	
ADD FUEL	1191	.....	00:12	
MIN T/O	87765	.....	13:02	.....
EXTRA	1487	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	936	.....	00:18	
RELEASE	90188	.....	13:35	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14042	.....	02:13	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 10502 KG LIM BY ENRTE
TRIP CORR FOR 5000 KG TOW INCR: +1589 KG / 5000 KG TOW DECR: -1066 KG
2000 FT LOWER: +1184 KG / EET 10:49 CLB: 250/310/84 DES: 84/320/250

	STD	ETA	ACT	EST	ACT
LEBL	18:25Z/20:25L	18:25Z	OFBL	T/O 18:43Z	T/O
KLAS	06:40Z/23:40L	05:47Z	ONBL	LDG 05:35Z	LDG
	SKD 12:15	PLN 11:22	TTL BLCK	EST FLT 10:52	TTL FLT

***** 120 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY	(EINN)	29 NM BEFORE	5620N	N55 44.0 W019 16.4	EET 02:53
ETOPS EXIT	(CYR)	145 NM BEFORE	URTAK	N58 50.1 W053 25.1	EET 05:05
ETOPS ENTRY	(CYR)	348 NM BEFORE	GRAND	N57 23.0 W069 56.3	EET 06:10
ETOPS EXIT	(CYWG)	256 NM BEFORE	YRL	N53 22.1 W087 53.3	EET 07:33

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (22:32-22:51)
BIKF (22:39-00:59)

CYYR (00:39-03:40)
CYWG (03:11-03:40)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF N55 57.0 W019 51.7 EET 02:56
84/320/250 DESC TO FL100 CRUISE AT 1E0320 6 NM BEFORE 5620N
PLN FUEL OVER ETP 64357 ETP FUEL REQ 10853 DIV TIME 01:12
ETP TO EINN (N52 42.1 W008 55.5) DIST 430 NM WC HD010 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 490 NM WC TL043 TT 351
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF N55 57.0 W019 51.7 EET 02:56
84/320/250 DESC TO FL100 CRUISE AT AE320 6 NM BEFORE 5620N
PLN FUEL OVER ETP 64357 ETP FUEL REQ 10354 DIV TIME 01:12
ETP TO EINN (N52 42.1 W008 55.5) DIST 430 NM WC HD010 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 490 NM WC TL043 TT 351
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 1 FOR EINN/BIKF N55 58.1 W019 54.7 EET 02:57
1E084/320 DESC TO FL251 CRUISE AT 1E0320 4 NM BEFORE 5620N
PLN FUEL OVER ETP 64329 ETP FUEL REQ 11048 DIV TIME 01:00
ETP TO EINN (N52 42.1 W008 55.5) DIST 432 NM WC HD006 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 489 NM WC TL055 TT 352
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYYR N59 04.6 W042 41.3 EET 04:26
84/320/250 DESC TO FL100 CRUISE AT 1E0320 226 NM BEFORE 5950N
PLN FUEL OVER ETP 54072 ETP FUEL REQ 15860 DIV TIME 01:50
ETP TO BIKF (N63 59.1 W022 36.3) DIST 643 NM WC HD014 TT 054
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC TL013 TT 247

ALL ENGINE DECOMP ETP 2 FOR BIKF/CYYR N59 04.6 W042 41.3 EET 04:26
84/320/250 DESC TO FL100 CRUISE AT AE320 226 NM BEFORE 5950N
PLN FUEL OVER ETP 54072 ETP FUEL REQ 15129 DIV TIME 01:50
ETP TO BIKF (N63 59.1 W022 36.3) DIST 643 NM WC HD014 TT 054
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC TL013 TT 247

ONE ENGINE OUT ETP 2 FOR BIKF/CYYR N59 04.9 W043 05.6 EET 04:27
1E084/320 DESC TO FL264 CRUISE AT 1E0320 214 NM BEFORE 5950N
PLN FUEL OVER ETP 53907 ETP FUEL REQ 15203 DIV TIME 01:29
ETP TO BIKF (N63 59.1 W022 36.3) DIST 653 NM WC HD006 TT 055
ETP TO CYYR (N53 19.2 W060 25.6) DIST 672 NM WC TL010 TT 247

ONE ENGINE OUT DECOMP ETP 3 FOR CYYR/CYWG N55 22.9 W081 15.6 EET 07:00
84/320/250 DESC TO FL100 CRUISE AT 1E0320 518 NM BEFORE YRL
PLN FUEL OVER ETP 37024 ETP FUEL REQ 16255 DIV TIME 01:57
ETP TO CYYR (N53 19.2 W060 25.6) DIST 737 NM WC TL018 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 667 NM WC HD021 TT 247

ALL ENGINE DECOMP ETP 3 FOR CYYR/CYWG N55 22.9 W081 15.6 EET 07:00
84/320/250 DESC TO FL100 CRUISE AT AE320 518 NM BEFORE YRL
PLN FUEL OVER ETP 37024 ETP FUEL REQ 15500 DIV TIME 01:57
ETP TO CYYR (N53 19.2 W060 25.6) DIST 737 NM WC TL018 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 667 NM WC HD021 TT 247

ONE ENGINE OUT ETP 3 FOR CYYR/CYWG N55 20.0 W081 26.7 EET 07:01
1E084/320 DESC TO FL288 CRUISE AT 1E0320 511 NM BEFORE YRL
PLN FUEL OVER ETP 36928 ETP FUEL REQ 15667 DIV TIME 01:32
ETP TO CYYR (N53 19.2 W060 25.6) DIST 744 NM WC TL022 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 660 NM WC HD034 TT 247

ATC ROUTE: N0495F330 GRAU2F GRAUS DCT POSSY UM601 BLV/N0491F340 UM601 DELOG
 UN864 TERKU UN490 BERAD UM142 OGAGI M142 DOLUR UN38 LESLU/N0485F360
 DCT DOGAL/M084F360 DCT 56N020W 58N030W/N0491F360 59N040W
 59N050W/M084F360 DCT URTAK/N0493F360 DCT IRBIM DCT LAKES/N0486F380
 DCT GRAND DCT YRL DCT HML J107 DPR DCT KD81W DCT KU54Q DCT HVE DCT
 GGAPP SITEE4

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KVCV/17 160 FL280 141 TL003 00:30 3314 - BOACH8 HEC J6 HELDE

MOST CRITICAL MORA 14700 FT AT KU54Q

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO	ACC ATO
	LEBL/25L EL PRAT		14 080				89.3 / 0.9			
						5193	N4117.5 E00206.2	/.....		
GRAU2F	D208H PRA208008	211	*CLB 080 P05 347/028			9 5184	87.7 / 2.4 N4109.9 E00159.9	03 00.03/.....		
GRAU2F	VNV VILLANUEVA	281	*CLB 054 380.0 P07 352/047			14 5170	86.9 / 3.3 N4112.6 E00142.4	03 00.06/.....		
GRAU2F	D283T BCN283020	352	*CLB 054 P08 352/058			10 5160	86.3 / 3.9 N4122.9 E00140.8	02 00.08/.....		
GRAU2F	RILUK	282	*CLB 054 P05 350/059			15 5145	85.6 / 4.5 N4126.2 E00121.1	02 00.10/.....		
GRAU2F	LRD LERIDA	282	*CLB 059 404.0 P00 341/058			32 5112	84.5 / 5.6 N4133.2 E00038.9	04 00.14/.....		
GRAU2F	*TOC	334	FL330 059 M00 341/060		495 4 436 5108		84.4 / 5.8 N4136.8 E00036.6	01 00.15/.....		
GRAU2F	GRAUS	334	FL330 059 M00 342/058		494 24 434 5084		84.0 / 6.2 N4158.7 E00022.6	03 00.18/.....		
DCT	POSSY	296	FL330 135 P00 343/055		493 11 451 5073		83.8 / 6.4 N4203.7 E00009.4	02 00.20/.....		
UM601 -LECM	MARIO	296	FL330 135 P00 344/051		493 20 453 5053		83.5 / 6.7 N4212.6 W00014.7	02 00.22/.....		
UM601	SURCO	296	FL330 132 P00 345/049		494 16 457 5037		83.2 / 7.0 N4219.7 W00034.1	02 00.24/.....		
UM601	XOMBO	296	FL330 132 P01 345/048		494 5 460 5032		83.1 / 7.1 N4221.9 W00040.0	01 00.25/.....		
UM601	RONNY	296	FL330 132 P01 345/047		494 9 460 5023		83.0 / 7.2 N4225.8 W00050.7	01 00.26/.....		
UM601	RONKO	296	FL330 132 P01 346/045		494 9 462 5014		82.8 / 7.4 N4229.8 W00101.8	01 00.27/.....		
UM601	GOSVI	296	FL330 090 P01 345/042		494 17 463 4997		82.5 / 7.7 N4237.0 W00122.2	02 00.29/.....		

UM601	TURPU	296	FL330	090	494	8	82.4 / 7.8	02	00.31
			P01	345/041	465	4989	N4240.7 W00132.6	/.....	
UM601	PPN PAMPLONA	296	FL330	090	112.30	494	8	82.3 / 7.9	01 00.32
			P01	345/039	466	4981	N4244.0 W00142.1	/.....	
UM601	MALOB	303	FL330	090	494	12	82.0 / 8.1	01	00.33
			P01	344/037	464	4969	N4250.7 W00156.3	/.....	
	LEBB	303	FL330	098		6	82.0 / 8.2	01	00.34
			P01	000/035		4963	N4253.8 W00202.9	/.....	
UM601	CEGAM	303	FL330	098	494	10	81.8 / 8.4	01	00.35
			P01	344/035	466	4953	N4259.0 W00214.2	/.....	
UM601	BLV BILBAO	303	*CLB	098	115.90	36	81.2 / 9.0	05	00.40
			P01	342/032		4917	N4318.3 W00256.2	/.....	
UM601	DOSUL	324	FL340	080	491	28	80.7 / 9.5	03	00.43
			P01	341/032	459	4889	N4340.8 W00319.0	/.....	
UM601	XORNA	324	FL340	080	491	10	80.5 / 9.7	02	00.45
			P01	341/032	460	4879	N4348.8 W00327.1	/.....	
UM601 -LFFF	DELOG	324	FL340	080	491	39	79.9 / 10.3	05	00.50
			P01	339/030	461	4840	N4419.7 W00359.3	/.....	
UN864	PEPET	007	FL340	010	491	46	79.1 / 11.1	06	00.56
			P01	339/030	464	4795	N4505.1 W00352.0	/.....	
UN864	INBAB	006	FL340	010	491	30	78.7 / 11.5	04	01.00
			P01	339/030	463	4765	N4534.4 W00348.6	/.....	
UN864	NOVAN	007	FL340	010	491	45	77.9 / 12.3	05	01.05
			P01	337/032	463	4720	N4619.3 W00342.0	/.....	
	LFRB	003	FL340	010		27	77.5 / 12.7	04	01.09
			P01	349/030		4693	N4646.7 W00340.7	/.....	
UN864	IDRIK	003	FL340	021	491	49	76.7 / 13.5	06	01.15
			P01	334/033	461	4643	N4736.0 W00338.5	/.....	
UN864	POMTA	004	FL340	021	491	11	76.5 / 13.7	02	01.17
			P01	333/033	461	4632	N4747.2 W00337.7	/.....	
UN864	TERKU	003	FL340	031	491	15	76.2 / 14.0	02	01.19
			P01	333/033	461	4617	N4801.8 W00337.0	/.....	
UN490	BERAD	314	FL340	031	491	24	75.8 / 14.3	03	01.22
			P01	330/031	459	4593	N4818.1 W00403.7	/.....	
UM142	NERLA	333	FL340	023	492	47	75.1 / 15.1	06	01.28
			P01	322/030	461	4546	N4859.6 W00437.9	/.....	
UM142	GANTO	332	FL340	023	492	28	74.6 / 15.6	04	01.32
			P01	316/029	463	4518	N4923.8 W00458.9	/.....	
UM142 -EGTT	OGAGI	332	FL340	015	492	4	74.6 / 15.6	00	01.32
			P01	316/029	464	4514	N4927.4 W00502.0	/.....	
M142	DOLUR	332	FL340	015	492	2	74.5 / 15.7	00	01.32
			P01	315/028	464	4512	N4929.1 W00503.4	/.....	
	EINN	312	FL340	015		145	72.2 / 18.0	19	01.51

P02 244/031 4367 N5059.7 W00759.4/.....
 UN38 LESLU 311 *CLB 021 0 72.2 / 18.0 00 01.51
 -EISN P01 280/028 4367 N5100.0 W00800.0/.....

----- OCEANIC ENTRY -----

[] LR NAV ACCUR CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] RVSM ALTIMETER CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] COMPASS HDG CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] HF CHECK AT ___:___Z SIGNATURE (....) _____

DCT DOGAL 311 FL360 049 484 313 67.3 / 22.9 40 02.31
 -EGGX P00 212/061 480 4054 N5400.0 W01500.0/.....

----- ETOPS ENTRY (EINN) 0029 NM BEFORE 5620N EET 02:53 -----

*ETP 1 312 FL360 010 485 206 64.3 / 25.9 26 02.57
 EINN/BIKF P02 196/076 500 3847 N5558.1 W01954.7/.....

DCT 5620N 312 FL360 010 485 4 64.3 / 25.9 00 02.57
 56N020W P02 195/076 501 3843 N5600.0 W02000.0/.....

DCT 5830N 304 FL360 010 491 348 59.4 / 30.7 42 03.39
 -CZQX 58N030W P07 178/066 506 3495 N5800.0 W03000.0/.....

DCT 5940N 300 FL360 010 495 319 55.2 / 35.0 37 04.16
 59N040W P10 133/024 514 3176 N5900.0 W04000.0/.....

DCT *BDRY 294 FL360 010 494 81 54.1 / 36.1 10 04.26
 -BGGL P09 108/020 513 3095 N5904.5 W04236.3/.....

*ETP 2 292 FL360 010 494 3 54.1 / 36.1 00 04.26
 -CZQX BIKF/CYYR P09 107/020 513 3093 N5904.6 W04241.3/.....

DCT 5950N 292 FL360 054 494 226 51.1 / 39.1 27 04.53
 -BGGL 59N050W P08 066/013 507 2866 N5900.0 W05000.0/.....

DCT *BDRY 289 FL360 010 494 18 50.8 / 39.3 02 04.55
 -CZQX P09 063/013 507 2849 N5858.7 W05034.4/.....

----- ETOPS EXIT (CYYR) 0145 NM BEFORE URTAK EET 05:05 -----

DCT URTAK 286 FL360 010 493 234 47.7 / 42.4 27 05.22
 P06 016/024 503 2615 N5828.0 W05800.0/.....

DCT IRBIM 303 FL360 010 489 80 46.7 / 43.5 10 05.32
 -CZUL P04 013/025 492 2535 N5839.2 W06032.0/.....

DCT LAKES 270 FL360 078 487 95 45.4 / 44.8 12 05.44
 P01 013/019 500 2440 N5759.9 W06316.0/.....

----- ETOPS ENTRY (CYYR) 0348 NM BEFORE GRAND EET 06:10 -----

DCT GRAND 279 FL380 033 494 565 37.7 / 52.5 0110 06.54
 -CZWG P08 246/025 468 1874 N5542.2 W08000.0/.....

*ETP 3 261 FL380 018 494 47 37.0 / 53.2 06 07.00
 CYYR/CYWG P08 260/026 468 1828 N5522.9 W08115.6/.....

----- ETOPS EXIT (CYWG) 0256 NM BEFORE YRL EET 07:33 -----

DCT	YRL RED LAKE	246	FL380	030	114.00	488	518	30.1 / 60.1	0106	08.06
				P02	314/030	481	1309	N5104.3 W09345.7	/.....	
DCT	*BDRY	226	FL380	030		487	174	27.9 / 62.3	21	08.27
-KZMP				P01	321/034	490	1135	N4900.0 W09655.8	/.....	
DCT	HML HUMBOLDT	221	FL380	041	112.40	487	11	27.7 / 62.5	01	08.28
				P01	321/035	491	1124	N4852.2 W09707.0	/.....	
	KRAP	218	FL380	041		164		25.7 / 64.5	20	08.48
				M01	312/052	961		N4647.5 W09944.7	/.....	
J107	DPR DUPREE	214	FL380	046	116.80	483	132	24.1 / 66.1	16	09.04
				M03	326/055	497	828	N4504.7 W10142.9	/.....	
DCT	*BDRY	220	FL380	055		483	24	23.7 / 66.4	03	09.07
-KZDV				M03	326/054	489	804	N4447.9 W10208.1	/.....	
DCT	KD81W	220	FL380	097		482	112	22.4 / 67.8	14	09.21
				M05	327/051	490	692	N4330.0 W10400.0	/.....	
	KSLC	219	FL380	143		183		20.1 / 70.1	22	09.43
				M05	312/026	509		N4122.9 W10658.8	/.....	
DCT	KU54Q	216	FL380	147		482	199	17.7 / 72.5	25	10.08
-KZLC				M04	001/015	493	309	N3900.0 W11000.0	/.....	
DCT	HVE HANKSVILLE	213	FL380	139	115.90	482	48	17.1 / 73.1	06	10.14
				M04	014/011	493	261	N3825.0 W11042.0	/.....	
	KLAS	222	FL380	139		69		16.2 / 73.9	08	10.22
				M04	330/006	192		N3742.6 W11151.1	/.....	
DCT	GGAPP	221	FL380	136		483	17	16.0 / 74.2	02	10.24
				M04	022/009	491	175	N3732.0 W11208.1	/.....	
SITEE4	*BDRY	228	FL380	136		483	4	16.0 / 74.2	01	10.25
-KZLA				M04	023/009	491	171	N3730.0 W11212.3	/.....	
SITEE4	*TOD	228	FL380	136		483	51	15.4 / 74.8	06	10.31
				M04	012/009	490	120	N3703.4 W11307.1	/.....	
SITEE4	KSINO	227	*DES	126		55		15.2 / 74.9	07	10.38
				P07	088/010	65		N3634.5 W11405.1	/.....	
SITEE4	ZIGGG	226	*DES	103		21		15.1 / 75.0	03	10.41
				P09	055/005	44		N3623.1 W11427.5	/.....	
SITEE4	SITEE	226	*DES	103		10		15.1 / 75.1	02	10.43
				P10	026/005	34		N3617.7 W11437.9	/.....	
SITEE4	ARVDD	188	*DES	103		11		15.0 / 75.1	02	10.45
				P11	354/004	23		N3607.7 W11442.2	/.....	
SITEE4	PRINO	188	*DES	103		4		15.0 / 75.2	00	10.45
				P12	322/002	19		N3604.4 W11443.7	/.....	
SITEE4	KLAS/26L MC CARRAN INTL	259	2181	141		19		14.7 / 75.5	07	10.52
								N3604.4 W11507.6	/.....	

WIND INFORMATION - OBS 12/MAY 06:00

(CLIMB)			MARIO			DOSUL			INBAB		
FL320	341/068	-49	FL370	345/061	-59	FL380	343/036	-60	FL380	340/034	-60
FL260	348/060	-33	FL350	344/056	-55	FL360	342/035	-56	FL360	340/033	-56
FL190	353/054	-14	FL330	344/052	-50	FL340	342/033	-51	FL340	339/031	-51
FL130	352/039	-4	FL310	345/048	-45	FL320	343/031	-46	FL320	338/029	-46
6000	341/015	+8	FL290	347/045	-40	FL300	343/029	-41	FL300	338/028	-41
IDRIK			GANTO			DOGAL			5620N		
FL380	337/038	-60	FL380	319/032	-60	FL400	211/054	-61	FL400	197/067	-56
FL360	336/036	-56	FL360	318/030	-56	FL380	211/058	-60	FL380	196/074	-56
FL340	334/033	-51	FL340	317/029	-51	FL360	212/061	-56	FL360	196/077	-55
FL320	332/031	-46	FL320	315/028	-46	FL340	214/064	-52	FL340	196/080	-53
FL300	330/029	-41	FL300	313/027	-41	FL320	210/060	-47	FL320	194/076	-48
5830N			5940N			5950N			URTAK		
FL400	178/049	-47	FL400	142/023	-45	FL400	064/012	-46	FL400	026/013	-48
FL380	178/056	-48	FL380	137/024	-45	FL380	063/013	-46	FL380	021/017	-48
FL360	178/066	-49	FL360	134/025	-46	FL360	067/014	-48	FL360	016/024	-50
FL340	179/077	-51	FL340	131/026	-47	FL340	070/015	-50	FL340	013/032	-51
FL320	177/078	-50	FL320	121/028	-49	FL320	090/012	-51	FL320	012/037	-51
LAKES			GRAND			YRL			HML		
FL400	023/010	-51	FL420	248/020	-48	FL420	313/026	-53	FL420	320/029	-54
FL380	020/014	-53	FL400	246/023	-48	FL400	314/028	-54	FL400	322/033	-55
FL360	014/019	-55	FL380	246/026	-48	FL380	315/031	-55	FL380	322/036	-55
FL340	010/025	-57	FL360	252/031	-50	FL360	316/034	-56	FL360	318/037	-56
FL320	010/026	-54	FL340	256/038	-51	FL340	318/037	-57	FL340	314/038	-56
DPR			KD81W			KU54Q			(DESCENT)		
FL420	324/040	-58	FL420	325/038	-60	FL420	344/011	-63	FL370	048/020	-59
FL400	325/048	-59	FL400	327/046	-61	FL400	356/013	-63	FL300	047/018	-42
FL380	326/055	-60	FL380	328/052	-61	FL380	001/015	-61	FL220	065/019	-23
FL360	328/057	-57	FL360	328/053	-58	FL360	358/014	-57	15000	060/012	-8
FL340	330/059	-55	FL340	329/053	-54	FL340	353/014	-52	7000	022/003	+11

END FLIGHTPLAN 03102 TCC305A PJTGC LEBL-KLAS 12MAY2019

[ATC FLIGHTPLAN]

(FPL-TCC305A-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LEBL1825
-N0495F330 GRAUS DCT POSSY UM601 BLV/N0491F340 UM601 DELOG UN864
TERKU UN490 BERAD UM142 OGAGI M142 DOLUR UN38 LESLU/N0485F360
DCT DOGAL/M084F360 DCT 56N020W 58N030W/N0491F360 59N040W
59N050W/M084F360 DCT URTAK/N0493F360 DCT IRBIM DCT
LAKES/N0486F380 DCT GRAND DCT YRL DCT HML J107 DPR DCT KD81W DCT
KU54Q DCT HVE DCT GGAPP SITEE4
-KLAS1052 KVCV
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190512 REG/PJTGC
EET/LECM0022 LFFF0050 EGTT0132 EISN0151 EGGX0231 56N020W0257
CZQX0339 59N040W0416 BGGL0426 59N050W0453 CZQX0455 CZUL0532
CZWG0654 KZMP0827 KZDV0907 KZLC1008 KZLA1025
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RALT/CYWG CYR BIKF EINN
RMK/TCAS
-E/1317)

[PLANNING WEATHER]

ORIGIN: LEBL/BCN (EL PRAT, SPAIN)

UTC +02:00

LEBL 121500Z 15008KT 120V190 CAVOK 18/12 Q1021 NOSIG
LEBL 121100Z 1212/1312 16010KT 9999 FEW025 TX20/1212Z TN12/1306Z
BECMG 1219/1222 VRB05KT

DESTINATION: KLAS/LAS (MC CARRAN INTL, UNITED STATES)

UTC -07:00

KLAS 121456Z 00000KT 10SM FEW250 22/06 A2992 RMK AO2 SLP112 T02220061
52014
KLAS 121447Z 1215/1318 VRB05KT P6SM FEW120 FEW250
FM121900 10006KT P6SM FEW120
FM130400 21006KT P6SM SKC

ALTERNATE: KVCV/VCV (SOUTHERN CALIFORNIA LOGISTICS, UNITED STATES) UTC -07:00

KVCV 121445Z 12004KT 10SM SKC A2999
NO TAF AVAILABLE

EDTO AIRPORT: CYWG/YWG (RICHARDSON INTL, CANADA)

UTC -05:00

CYWG 121420Z 34005KT 3SM BR OVC003 06/06 A2983 RMK ST8 SLP109
AMD CYWG 121206Z 1212/1312 28005KT 1/2SM FG OVC003
TEMPO 1212/1214 1/8SM FG VV002
BECMG 1214/1216 P6SM NSW BKN006 OVC020
FM121600 32008KT P6SM BKN020
TEMPO 1216/1217 BKN006 OVC020
FM121800 36008KT P6SM BKN030
FM122000 03008KT P6SM FEW040 SCT240
BECMG 1301/1303 16008KT
FM130600 18010KT P6SM SCT060 BKN180
RMK NXT FCST BY 121800Z

EDTO AIRPORT: CYJR/YJR (GOOSE BAY, CANADA)

UTC -03:00

CYJR 121400Z 05009KT 15SM FEW015 OVC036 03/M01 A2999 RMK SC1SC7 SLP159
CYJR 121130Z 1212/1312 05008KT P6SM SCT010 BKN025
TEMPO 1212/1224 5SM -SHRA BR OVC010
FM130000 34005KT P6SM BKN025
TEMPO 1300/1312 BKN020
BECMG 1301/1303 VRB03KT
RMK NXT FCST BY 121800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 121500Z 10019KT 9999 VCSH BKN043 BKN055 07/M05 Q1024
BIKF 121332Z 1215/1315 10025KT 9999 FEW035 TX09/1312Z TN04/1300Z
BECMG 1217/1219 8000 -RADZ BKN015 OVC025
BECMG 1302/1304 13028G44KT
TEMPO 1307/1311 5000 RA BR OVC010
BECMG 1310/1312 16022KT

EDTO AIRPORT: EINN/SNN (SHANNON, IRELAND)

UTC +01:00

EINN 121500Z 16015KT CAVOK 17/04 Q1033 NOSIG
EINN 121100Z 1212/1312 16015KT 9999 FEW030
TEMPO 1212/1216 15016G26KT
BECMG 1221/1224 13011KT
BECMG 1307/1310 16014KT
TEMPO 1310/1312 15015G26KT

ADEQUATE: LEBB/BIO (BILBAO, SPAIN)

UTC +02:00

LEBB 121500Z 06010KT 020V140 9999 FEW045 20/10 Q1029 NOSIG
LEBB 121100Z 1212/1312 12005KT 9999 SCT035 TX19/1215Z TN08/1305Z
TEMPO 1212/1219 03010KT

ADEQUATE: LFRB/BES (BRETAGNE, FRANCE)

UTC +02:00

LFRB 121500Z AUTO VRB04KT 9999 FEW043 SCT060 18/10 Q1034 NOSIG
LFRB 121100Z 1212/1318 13008KT 9999 FEW043

ADEQUATE: KRAP/RAP (RAPID CITY REGL, UNITED STATES)

UTC -06:00

KRAP 121452Z 34006KT 10SM CLR 10/02 A2990 RMK AO2 SLP133 T01000017 50004
KRAP 121124Z 1212/1312 34010KT P6SM FEW250
FM130000 VRB05KT P6SM FEW250

ADEQUATE: KSLC/SLC (SALT LAKE CITY INTL, UNITED STATES)

UTC -06:00

KSLC 121454Z 14008KT 10SM FEW220 16/03 A3001 RMK AO2 SLP128 T01610028
50008 VISNO NW RNWY
KSLC 121120Z 1212/1318 16007KT P6SM SKC
FM121900 30009KT P6SM SKC
FM130300 15006KT P6SM SKC

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
MAY 12/1130Z TO MAY 12/1900Z
PART ONE OF TWO PARTS-

A RESNO 56/20 58/30 58/40 57/50 HOIST
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B DOGAL 55/20 57/30 57/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

C NEBIN 5430/20 5630/30 5630/40 5530/50 KODIK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D MALOT 54/20 56/30 56/40 55/50 LOMSI
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E LIMRI 53/20 55/30 55/40 54/50 NEEKO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

F ADARA 5230/20 5430/30 5430/40 5330/50 PELTU
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 310/390 INCLUSIVE
MAY 12/1130Z TO MAY 12/1900Z
PART TWO OF TWO PARTS-

G DINIM 52/20 54/30 54/40 53/50 RIKAL
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 132 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK B

TRACK C
TRACK D
TRACK E
TRACK F
TRACK G
END OF PBCS OTS
4.FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN
NAT FLOW REFER TO NAT PROGRAMME COORDINATION WEBSITE
WWW.PARIS.ICAO.INT.
SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.
5.80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT
PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.
6.OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE
FLIGHT PLAN, FLY THE CLEARANCE.
7.UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT NAT OPERATORS SHALL FILE
PRM'S.
8.FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK
SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH
CAN
BE MAINTAINED AT OAC ENTRY POINT.
9.ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU
PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A LOGON TO EGGX
BETWEEN 10
AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE
MAY 13/0100Z TO MAY 13/0800Z
PART ONE OF THREE PARTS-

R JOOPY 49/50 51/40 53/30 54/20 DOGAL BEXET
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N269A N277A-

S NISCO 48/50 50/40 52/30 53/20 MALOT GISTI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N205B-

T OMSAT 4730/50 4930/40 5130/30 5230/20 TOBOR RILED
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N183A N175E-

U PORTI 47/50 49/40 51/30 52/20 LIMRI XETBO
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N141D-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE
MAY 13/0100Z TO MAY 13/0800Z
PART TWO OF THREE PARTS-

V SUPRY 46/50 48/40 50/30 51/20 DINIM ELSOX

EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N93A N79A-

W RAFIN 45/50 47/40 49/30 50/20 SOMAX ATSUR
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N59C N49C-

X DOVEY 42/60 44/50 46/40 48/30 49/20 BEDRA NASBA
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

Y SOORY 43/50 45/40 47/30 48/20 48/15 OMOKO GUNSO
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
MAY 13/0100Z TO MAY 13/0800Z
PART THREE OF THREE PARTS-

Z 35/60 42/50 44/40 46/30 47/20 47/15 ETIKI REGHI
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

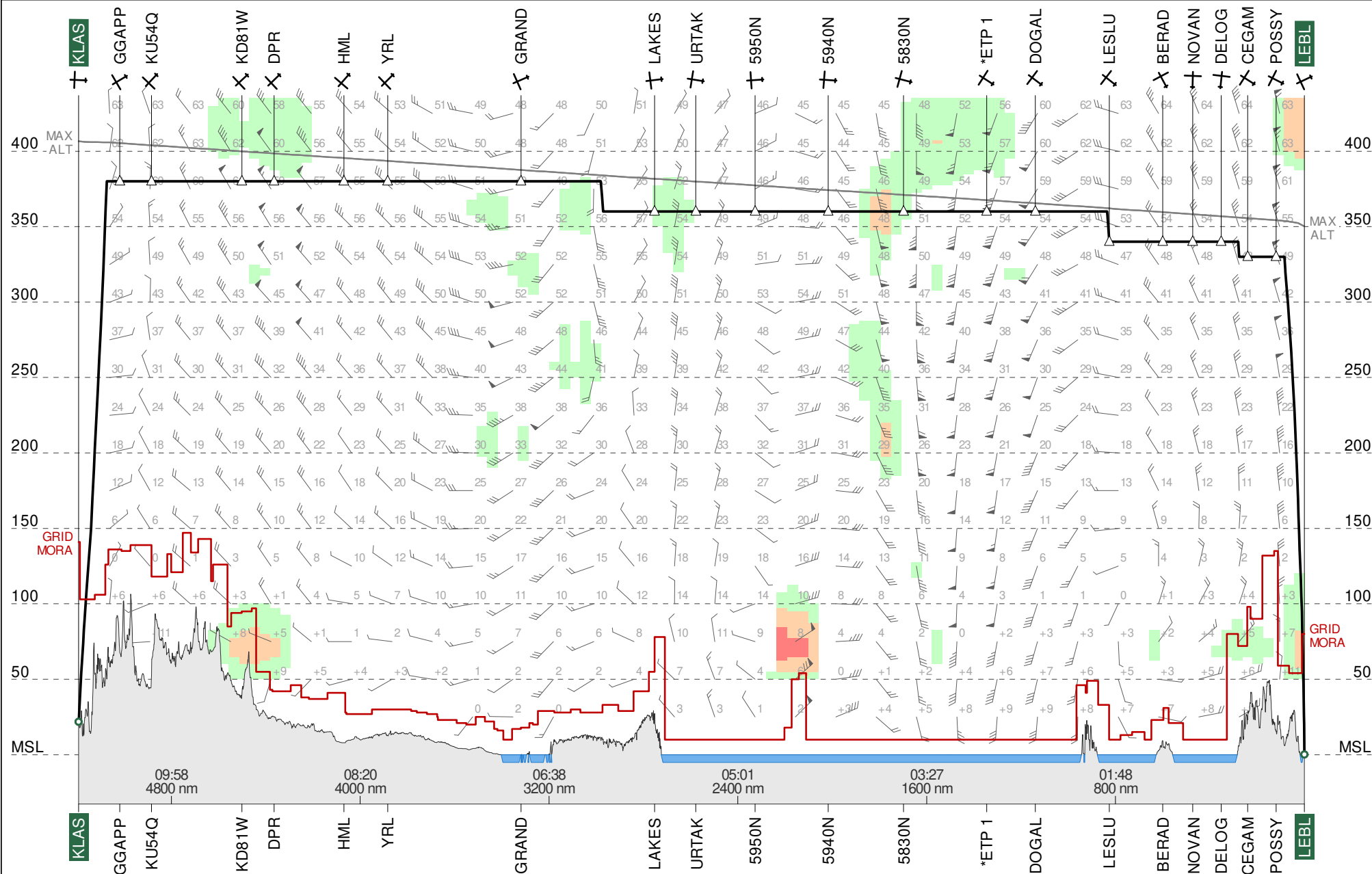
- 1.THE TMI IS 133 AND OPERATORS ARE REMINDED TO INCLUDE THE NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK S
TRACK T
TRACK U
END OF PBCS OTS.
- 4.CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING FROM AVPUT TO TALGO INCLUSIVE:AVPUT TO LIBOR 132.02, MAXAR TO VESMI 134.2, AVUTI TO JANJO 128.7,KODIK TO TUDEP 135.45, UMESI TO JOOPY 135.05, MUSAK TO SUPRY 128.45,RAFIN TO TALGO 119.42.
- 5.80% OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
- 6.OPERATORS ARE ADVISED THAT VERSION 24 OF THE GANDER DATA LINK OCEANIC CLEARANCE DELIVERY CREW PROCEDURES IS NOW VALID AND AVAILABLE AS NAT OPS BULLETIN 2015-004 ON THE WWW.PARIS.ICAO.INT WEBSITE.
- 7.OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY.
- 8.OPERATORS ARE ADVISED TO CONSULT NOTAM A0596/19 REGARDING ADS-C.
9. F320 EXPIRES AT 30W AT 0600Z ON TRACKS Y AND Z.-

END OF PART THREE OF THREE PARTS)

TR305A #3

KLAS ← LEBL

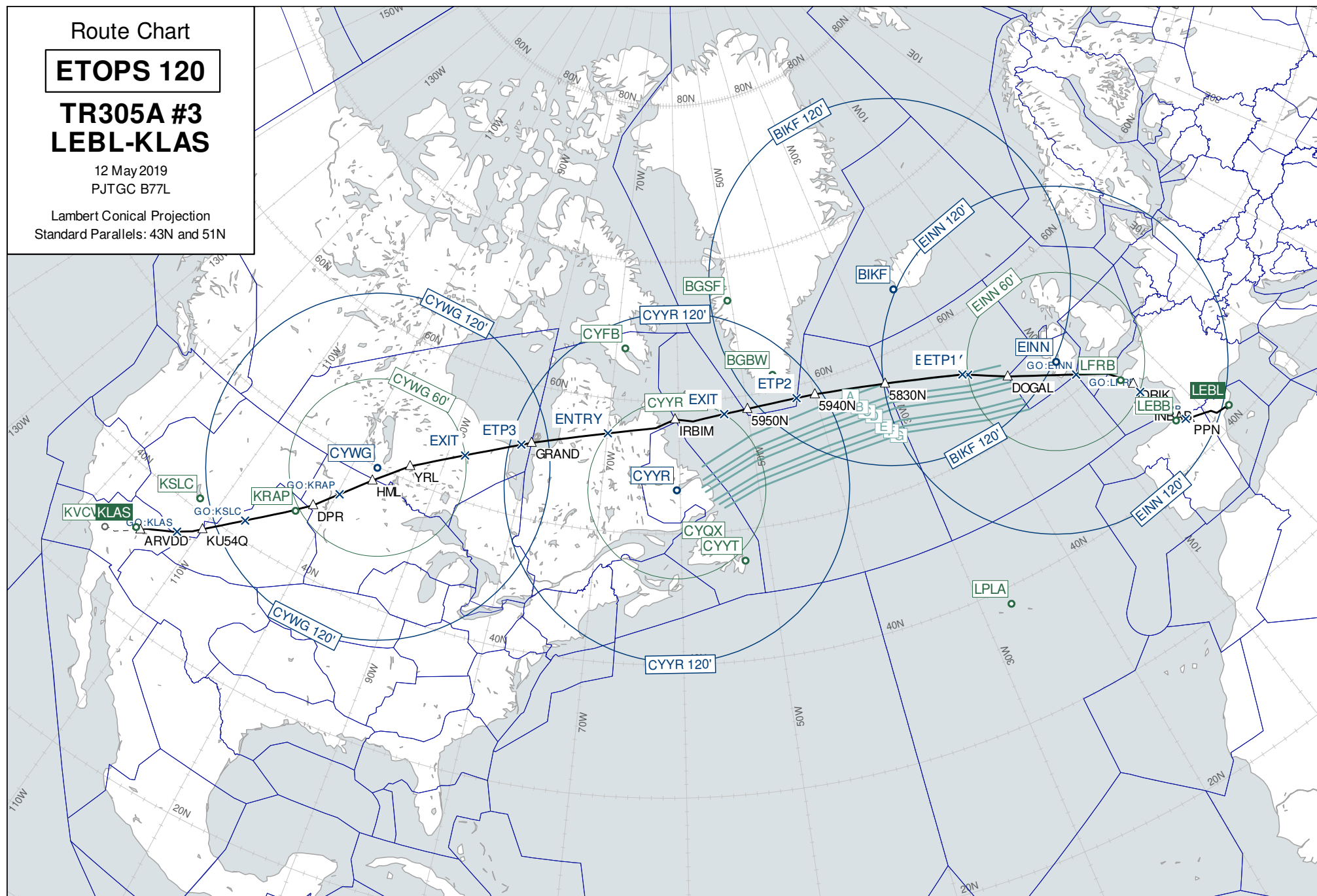
ETD 12 May 18:25z
PJTGC B77L



TR305A #3
LEBL-KLAS

PJTGC B77L

Lambert Conical Projection
Standard Parallels: 43N and 51N



Wind Chart

FL360

TR305A #3
LEBL-KLAS

Observed 12 May 2019 06:00 UTC

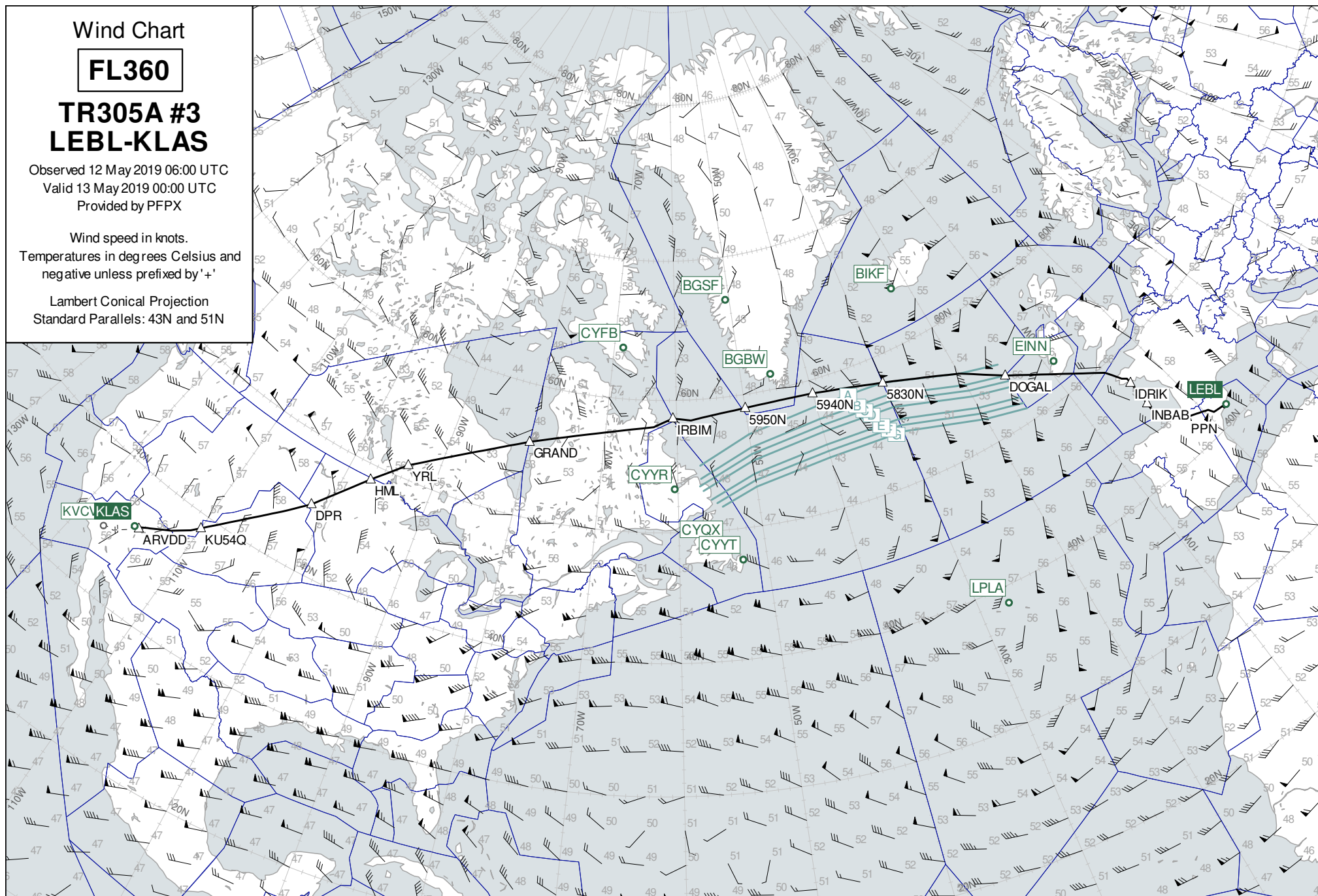
Valid 13 May 2019 00:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 51N



Wind Chart

FL320

TR305A #3
LEBL-KLAS

Observed 12 May 2019 06:00 UTC

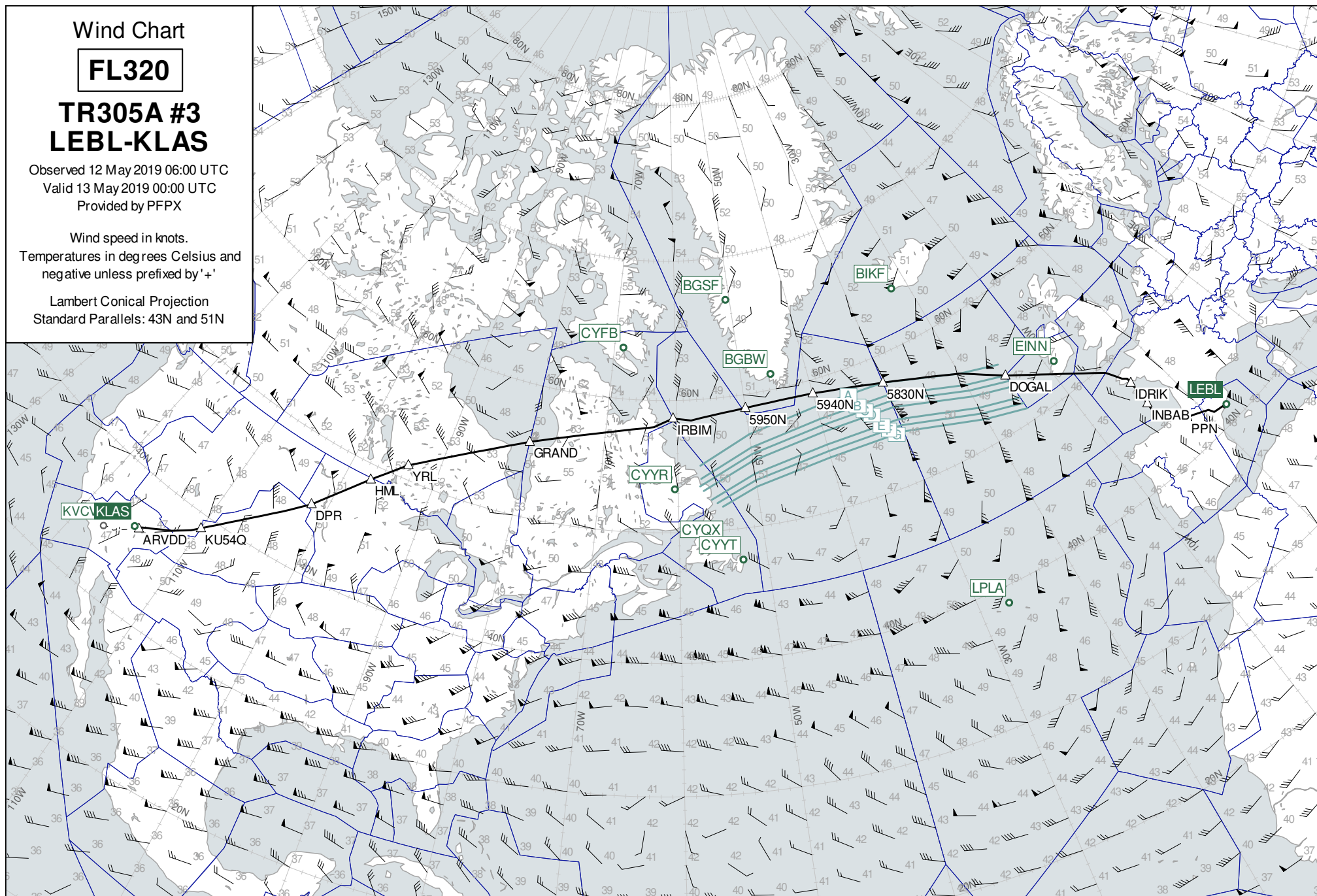
Valid 13 May 2019 00:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 51N



Wind Chart

FL400

TR305A #3
LEBL-KLAS

Observed 12 May 2019 06:00 UTC

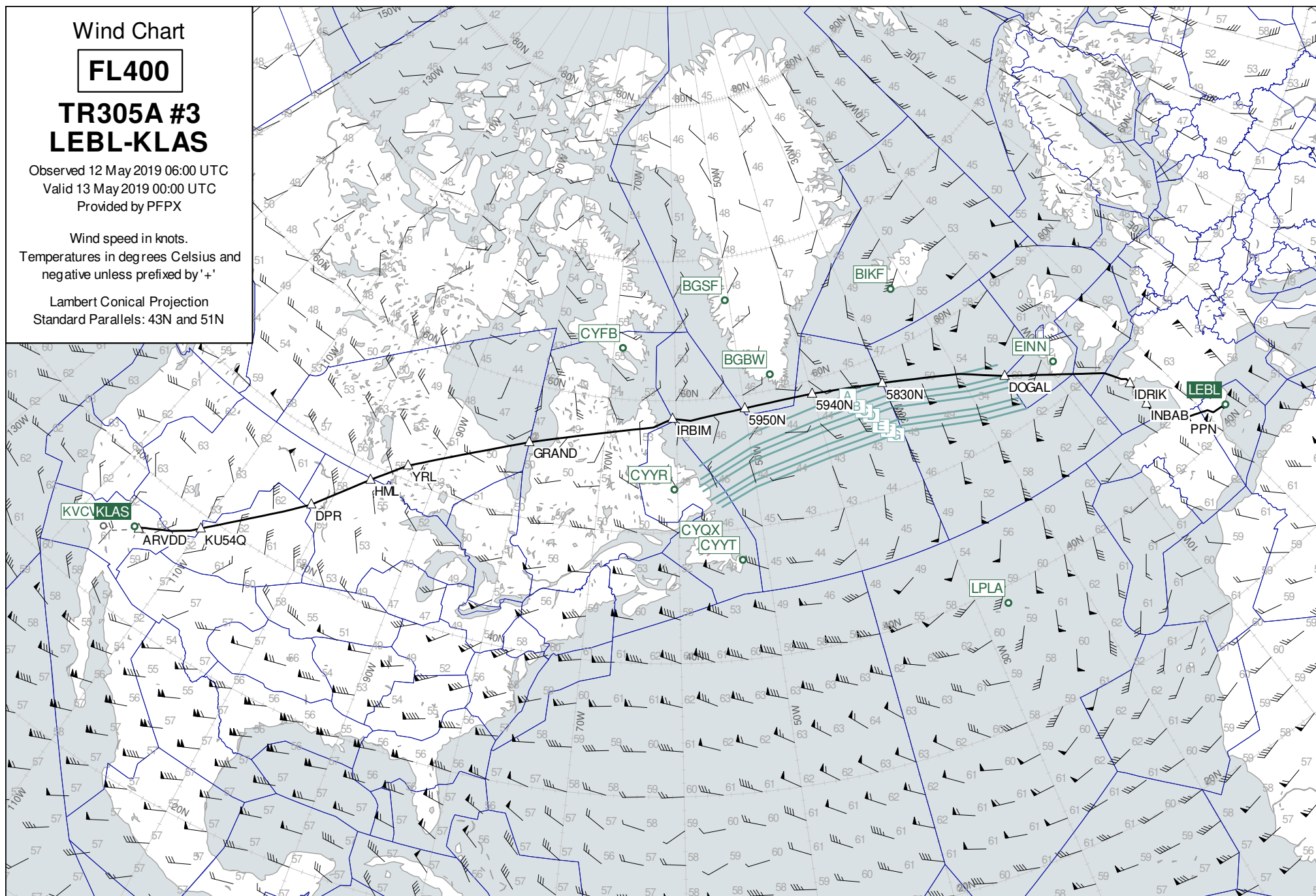
Valid 13 May 2019 00:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 51N



Destination Area

FL150

TR305A #3
LEBL-KLAS

Observed 12 May 2019 06:00 UTC

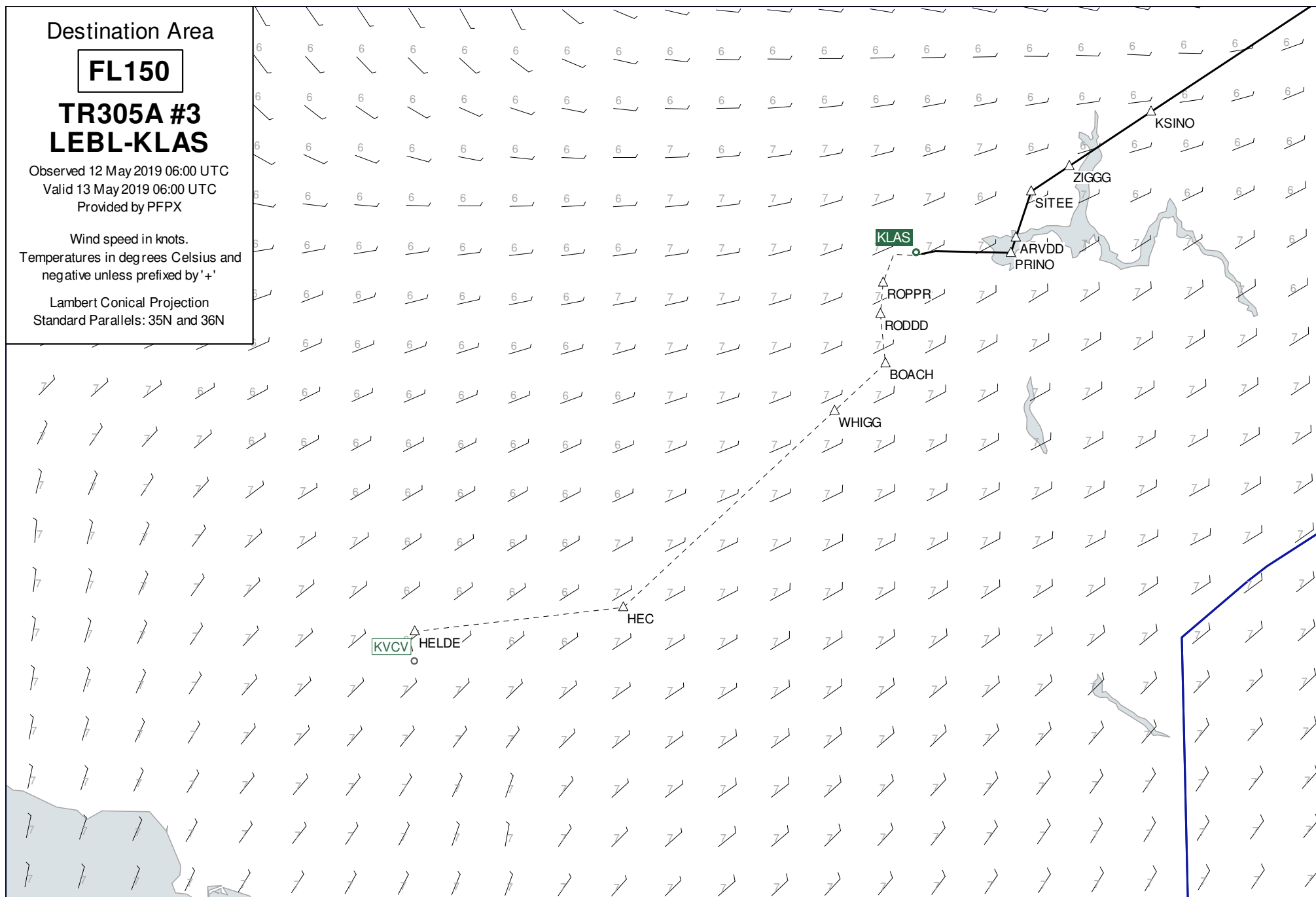
Valid 13 May 2019 06:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 35N and 36N



Plotting Chart TR305A #3 LEBL-KLAS

12 May 2019
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 52N and 56N

